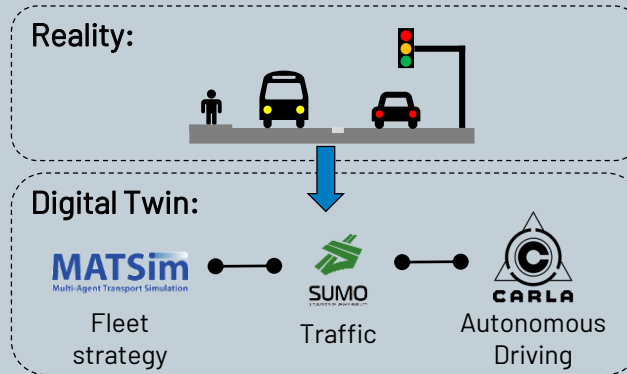


Integrated Traffic Simulation for Autonomous Driving

Development of a traffic simulation environment for the training of autonomous vehicles under real traffic conditions and for an investigation of their behavior and the resulting effect on the overall system.



Workpackages

Demand Modeling

- Activity-based Models
- Mesoscopic Models (MATSim)

Simulation

- Microsimulation (SUMO)
- Multi-Scale Simulation
- Impact Assessment

Visualization & Geodata

- Visualization of Micro Simulation (CARLA)
- Streetnetwork Generation

Autonomous Driving & Services

- Integration of Autonomous Vehicles and Behavior
- Vehicle Management



When?: Oct. 22 – Mar. 23

How?: Write your Ba/Sa/Ma/IDP within the project

Benefits?:

- Teamwork
- Industry contact
- Fully funded exchange to a partner university

**Choose a project and
apply!**



Application - Deadline:
03.10.2022